Work	Order ID	523	28 -	2
	Contember 22			DA



Page 1

Insp.

Stamp

D2573 Accept Item ID: Setup Start Revision ID: Stop Saddle, Aft Out 205 Item Name: 7.0 Start Qty: 8:007.0 9/23/2009 Start Date: Cust Item ID: Required Date: 10/9/2009 Req'd Qty: 8.00 Customer: Reference: Date: 59-9-24 Tooling: Run Start Process Plan: Approvals: Date: Stop QC: Date: SPC (Y/N): Date: Sequence ID/ Operation Draw Set Up/ Draw Plan Reject Accept Reject Work Center ID Description Run Hours Number Rev. Code Qty Qty Number Draw Nbr Revision Nbr Rev E D2573 0.00 St 09/10/08 HAAS CNC VERTICAL MACHINING #1 HAAS I Memo HAAS CNC vertical machine #1 Program Batch No. 52328 Double check by: 4 No 1 per Folio FA051 and inspect per attached Dimension Sheets 2-Machine Step No 2 per Folio FA051 and inspect per attached Dimension Sheets 3-Machine Step No 3 per Folio FA051 and insp 110 184 09/10/ox CONVENTIONAL MILLING MACHINE Mill Conv Memo Conventional Milling Machine Machine keyway as per dwg D2573 & D2574

120

Memo

QC2- Inspect parts off machine FAI/FAIB

0.00 re/lf or/10/2

Quality Control

	And the state of t	Separate services and services are services and services and services and services and services and services are services are services and services are services are services and services are services are services are services and services are services	

Dart	Aerospace	Ltd
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W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspector		
							751 <u>1</u>		
							328-1		

Part No: 22573	PAR #:	Fault Category: MAChined PANS	NCD. Voc No	> See	Das 73 =
Resolution:			QA: N/C Closed:		
			GA. IVC Closed:	entrever	Date:

DATE	STEP	Description of NC		Corrective Action Section B		Approval		
	Section A	Initial Action Description Sign			Sign & Section C		Approval QC Inspector	
5/10/13	100	Found by opentile apprists shift that there are Dins on FAR sheet that are not wrend.  - Also sapple to shift take	05.10.13	OHIS " THICK WALL	28/0/19	5 13	OF 10.13	09/10/13
		bore is to thin about 0.100 should be 0.125 RC operate error + he 5 is Problem.	Sum	SCRAP OLY(2) WITH WALL & OLID", HIGH STRESS AREA Mylace Batch # B46412 X2	Stor/o/19	e postudia	long z	5 04/10/13
NOTE: D								

NOTE: Date & initial all entries

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				24		
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Dari Ae	rospac	e Ltd						
W/O:	- 7			WORK ORDER CHANG	SES			
DATE	STEP		PROCEDURE CHANGE			Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
	MA	a. ·						
Part No	Das	573 PAR#:	Fault	Category:	NCR: Yes	No DQA:	B5232 Date:_	8-1
	F	esolution:	Dispo	sition:	QA: N/C Clo	sed:	Date: _	
NCR:5	3328			RDER NON-CONFORMA			7.81	
DATE	STEP	Description of NC			tion B	Verification	Approval Chief Eng	Approval QC Inspecto
_//		Section A	Initial Chief Fe	g Chief Eng	Sign & Date	Section C		
04/10/04	100	One boddle was offer much on the Island and	on the	Scrup Replice Butch # 46412	8,2		1	
		Bole: B.C. Muchine dalfunc Machine drop Tool changer operation.	1//	Butch # 46412	07/10/04	Salulis	briun	07/10
		THE CANO CHESP TOTT	O KUON			D. A. A. C.		
		changer operation.	0 2.109			011		
		changer operation.	0 2007					

NOTE: Date & initial all entries

			· ,

## Work Order ID 52328

Tuesday, September 22, 2009 3:12:10 PM



Page 2

Item ID:

D2573

E Revision ID:

Item Name:

Saddle, Aft Out 205

Start Date:

9/23/2009

Start Oty: 8.00

Required Date: 10/9/2009



Accept



Setup Start

Stop



Reg'd Otv: 8.00

Cust Item ID:

Customer:

Reference:

Process Plan: Approvals:

QC:

Date: Date: Tooling:

SPC (Y/N):

Date:

Date:

Rev.

Run

Start Stop



Sequence ID/ Work Center ID

130

Quality Control

Operation Description

QC8- Inspect parts - second check

Memo

Memo

Memo

Set Up/ Run Hours 0.00

DAP 09/10/19

Draw Number Draw Plan Code

Accept Qty

Reject Qty

Reject Insp. Stamp Number

140

HandFinish

Hand Finishing

Chemical Conversion Coat per OSI005 4.1

0.00

0.00 BR 09-10-30

150

Powdercoat

Powder Coating

White Gloss(Ref:4.3.5.1) per OSI005 4.3-Alum

09/10/20

0.00

12 Op Oven Temperature: START TIME: 2:30 FINISH TIME

M112260

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## Work Order ID 52328

Tuesday, September 22, 2009 3:12:10 PM



Bl 09-10-20

Page 3

Item ID:

D2573

E

Revision ID:

Item Name: Saddle, Aft Out 205

Start Date:

9/23/2009

QC:

Start Qty: 8.00

Required Date: 10/9/2009





Setup Start

Stop



Req'd Qty: 8.00

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Date:

Tooling:

SPC (Y/N):

Date: Date:

Start Run

Stop



Sequence ID/ Work Center ID

160

QC

Quality Control

Operation Description

QC3- Inspect Part Finish

Memo

Set Up/ Run Hours

Draw Number Draw Plan Rev. Code

Accept

Reject Qty

Reject Insp. Number

Stamp

Packaging

Packaging

Identify as per dwg & Stock Location: 434

0.00

0.00

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

Memo

0.00

mf 10-21

74.1		

## Picklist Print

Tuésday, September 22, 2009 3:12:09 PM

Work Order ID: 52328

Parent Item:

D2573RevE

Parent Item Name: Saddle, Aft Out 205

Comments:



Start Date: 9/23/2009

Otv

Start Oty: 8.00

Required Date: 10/9/2009

Required Oty: 8.00

Component Item ID/ Item Name

Replacement Mfg/ Item ID Purch Bin Primary Item Location

Last Location Route Sea ID Unit of Oty on Measure Hand

Remaining Oty To Pick Issued

Date Issued

Status

Page 1

D6101-007RevB

Manufactured

No

100

Each

0.0000

8.0000

Saddle Billet

Batch # . B46412 1 SB on/10/09 (SCRUP)

DART AEROSPACE LTD	Work Order:	32328
Description: Saddle, Aft Outboard	Part Number:	D2573
Inspection Dwg: D2573 Rev. E		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2573 Rev. E and record below:

				Re	corded Act	ual Dimens	ions ga	P	
Dim	Min	Max	Go/No Go Gauge	1	2	3	\SC 4	Ву	Date
Α	0.438	0.443		440	940	.440			
В	1.745	1.755		1.743	1.750	1.750			
C	3.495	3.505		3.500	3.500	3500			
D	1.745	1.755	3/1	1.7900	1.750	1750			
E	7.990	8.010		8.000	8.000	8.000			
F	0.490	0.510	1-3-4	504	.504	662-		.,,	
G	0.257	0.262	FIG.	.259	.257	,259	258	100	
Н	0.375	0.380		.378	.377	.377	.377	HEAR	
J	0.490	0.510		1.178	.496	1178		The state of	
J	1.174	1.184		1.178	1178	1178	1.177		
K	0.558	0.578		559	-556	1.177			
L	1.174	1.184		1.178	1.178	1.177	1.177		
M	1.365	1.375		1.367	1.75 1.778 1.367 2.500	1.367	1.367		
N	2.495	2.505		2.500	2.500	2500	2-500		
0	4.119	4.129		4.1.23	4.123	4.123	4.123		
P	0.115	0.135		125	124	.122	.124		
Q	0.115	0.135		-135	.135	.135			
R	0.240	0.260		.251	.252	251	12/2		
S	0.115	0.135	PIA	.128	.130	121			
T	0.178	198		.188	./38	. 138	130		
U	3.210	3.250		3.228	3.228	3.224	3.23		
V	0.230	0.250		.238	,240	. 238			
W	0.115	0.135		./30	.134	-/35			
X	0.308	0.313		.310	310	-135	Λ.		
Y	0.760	0.765		.760	.760	.760			
Z	0.352	0.372		364	364	-364		1	
AA	0.470	0.530		.500	-500	,500	-5-00	7.1	
AB	0.615	0.635		.632	.632	.630			
AC	0.053	0.073		.06.3	250	.063			
AD	0.240	0.260	HEV SE	.250	250	250	. ZSO		
AE	1.500	1.520		1.572	1.511	1.512			
AF	0.115	0.135	Tire-	,125	130	,155			
AG	0.240	0.280		.271	.271	.277	775	200	
AH	0.240	0.260		.247	,250	,249	1		
Al	2.000	2.020		2.002	2.002	2.007	1 1 1 1 1		
AJ	0.023	0.043		.033	.033	777			
	Acc	ept/Rejeg	;t	Accept	Accept	Accept	• 1		

Mea	asured by:	SP, 1	Audited by	09/0/19	
	Date: C	7/00/08	Date:	09/10/19	
Rev	Date	Change		Revised by	Approved
A		New Issue		RF	
В	02.09.25	Re-format; Added Rev. D		KJ	
С	02.10.11	Re-format, Added DT8682, DT8683,	DT8684	KJ	
D	05.05.05	Added dimension Al		KJ/RF	21
F	05 12 05	Added dimension AJ		KJ/JLM	411

					av

DART AEROSPACE LTD	Work Order:	32328
Description: Saddle, Aft Outboard	Part Number:	D2573
Inspection Dwg: D2573 Rev. E		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2573 Rev. E and record below:

				Recorded Actual Dimensions					
Dim	Min	Max	Go/No Go Gauge	51	a men	7/3	Stanh .	Ву	Date
Α	0.438	0.443	ENA LIVING	.440)	.439	4401	.440		
В	1.745	1.755	SAPPORT	1750	1. ASO	1749	1740	3	
C	3.495	3.505	Details -	3.500	3.500	13.499	3 5700		T.V.E.
D	1.745	1.755	TOTAL P	7700	1.750	11.749	1-750		
E	7.990	8.010	7534	2000	8.00h	18.001	8 001		Alife in
F	0.490	0.510	Total Control	100	-504	1.504	15708	1	
G	0.257	0.262	19-36	.253	.258	258	213	100	
Н	0.375	0.380	Park Inc.	377	377	37)	707	F100 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
1	0.490	0.510	State of the state of	.502	.494	4910	,495	1	3
j	1.174	1.184	10'5" 15 ±001 ± 1	1177	1.177	1177	1.187	P	D.
K	0.558	0.578	1	. 568	1,555	558	.560		
L	1.174	1.184	The House	1./77	1.177	1.177	1.177		
M	1.365	1.375	MENTS W.	1.370	1.370	1370	1.300	- 4	
N	2.495	2.505		2.500	2,500	1260	250		
0	4.119	4.129	+A. JA	4.124	4.124	4144	4.124		4.5
P	0.115	0.135		.126	126	1.127	-127		
Q	0.115	0.135		1.35	135	.185	.135		
R	0.240	0.260		.252	1250	253	1253	1	
S	0.115	0.135	4.	117	.120	1125	.125		
T	0.178	0:198	16	-138	.130	1130	135		
U	3.210	3.250		3 230	3,270	12.330	B 270		
V	0.230	0.250		.238	234	1293	1244		
W	0.115	0.135	1.0	.15	109	1125	1.134		
X	0.308	0.313	No.	.308		310			
Y	0.760	0.765		760		.760			
Z	0.352	0.372		367	.37A/	.368	.368	28	18.
AA	0.470	0.530	10	500	5.35	-500	いてあ	2	120
AB	0.615	0.635		630	1.63/5	.1.35	.635		. 14
AC	0.053	0.073		063	043	.063	063		
AD	0.240	0.260		. 250	.2/0	1250	250	14014	
AE	1.500	1.520			1.530	1.500	1508	19-1	-
AF	0.115	0.135		125	/1/25	.125	.118	-	
AG	0.240	0.280		270	12/0	.270	270		
AH	0.240	0.260		,250	1.743	.253	1,253		
Al	2.000	2.020			2,020	2.000	2-669		
AJ	0.023	0.043	ME DELL'IN	1077		1.033	2024		
		ept/Rejec	ct	Accept	Reject	Reject	Reject		

Measured by: SE	Audited by	DIP
Date: 09/10/09	Date:	09/10/19

Davi	Date	Change	Revised by	Approved
Rev	Date		RF	
Α		New Issue	KJ	
В	02:09.26	Re-format; Added Rev. D		
C	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
D	05.05.05	Added dimension Al	KJ/RF	nA
F	05.12.05	Added dimension AJ	KJ/JLM	1 411

		joe.
		and a

DART AEROSPACE LTD	Work Order:	52323
Description: Saddle, Aft Outboard	Part Number:	D2573
Inspection Dwg: D2573 Rev. E	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Page 1 of 1

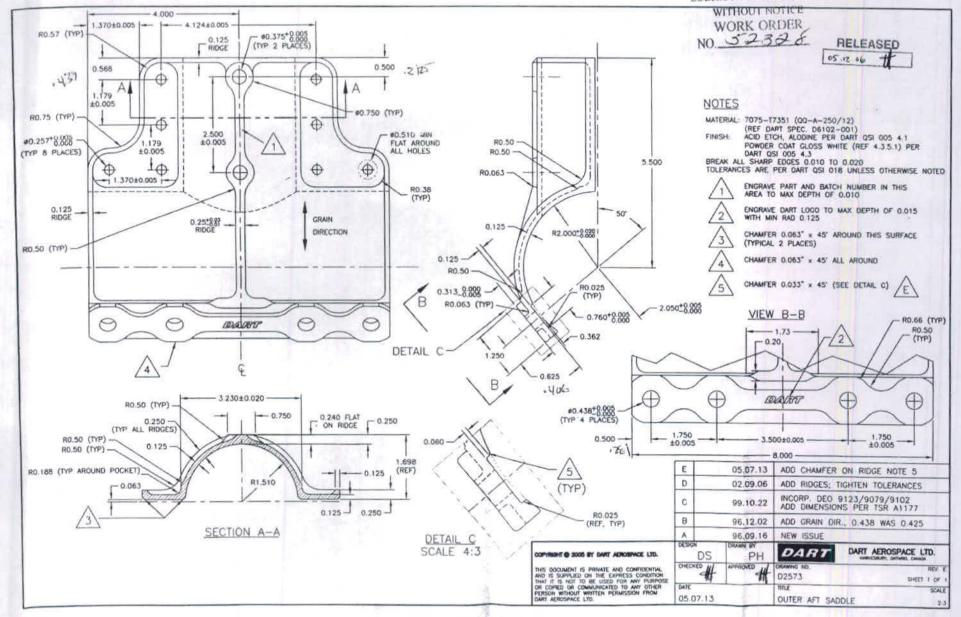
Inspect dimensions highlighted on inspection sheet drawing D2573 Rev. E and record below:

				R	ecorded Ac	tual Dimensi	ons		
Dim	Min	Max	Go/No Go Gauge	97	10	1811	4	Ву	Date
Α	0.438	0.443		1446	439	,439	70.00		Salt 1
В	1.745	1.755		1748	1.749	1749	111-01		
С	3.495	3.505		3.499	3.499	3.499	- 200		
D	1.745	1.755	,W	1749	1.749	1.749	1.7.7	117	W. 7
E	7.990	8.010	3	8004	8.003	8 003	100		S. 45
F	0.490	0.510	V	.502	.503	.505	1.00	1 3	
G	0.257	0.262		. 253	1.259	,259	14/07		10
Н	0.375	0.380		. 377	.377	1.377			
1	0.490	0.510		, 502	.500	.500	14		
J	1.174	1.184		1,177	1.178	1178		61	
K	0.558	0.578	Na File	.569	.569	1.569	E-000		Tall's
L	1.174	1.184		1.177	1.178	1.178	GIT TO THE REAL PROPERTY.		- 2
M	1.365	1.375		1.370	1.369	1 3/28			Total .
N	2.495	2.505		2,500	2.500	2.499	illi s	29	To the
0	4.119	4.129		4.124	4,123	4.123	7 7		1 3 3
P	0.115	0.135		.122	.125	1,23			-0.00
Q	0.115	0.135		1.135	.135	1135			VII.
R	0.240	0.260	1	25-2	257	-257			
S	0.115	0.135		.128	11.27	1,124			75,1121
T	0.178	0.198		.132	-/88	./88			
U	3.210	3.250		3.230	3.23h	3.230		31	ES IN
V	0.230	0.250		-242	,240	-240			
W	0.115	0.135		,132	129	.130			
X	0.308	0.313		3/0	1.3/2	.3/2			14-
Y	0.760	0.765		.760	-71.0	.760			EAVE .
Z	0.352	0.372		.368	-368	.367		The Part	
AA	0.470	0.530		.500	1.500	.500		Avi	2012
AB	0.615	0.635		635	1.635	.633			74
AC	0.053	0.073		.663	1.063	-063		1/18/4	
AD	0.240	0.260		,250	.248	249		ALC: NO.	
AE	1.500	1.520		1.509	1.571	1-571		- 23	That F
AF	0.115	0.135		.12.2	126	.121		7.0	
AG	0.240	0.280		270	1.273	.278	7.31.54	12 == 1.1 74	1 80
AH	0.240	0.260		251	1,249	.257			
Al	2.000	2.020	1 1	2,000	2.002	2.000	W		=10.155
AJ	0.023	0.043		033	.033	033			
	Acc	ept/Rejec		Accept	Accept	Accept			4.1

Measured by:	1 ml	Audited by	DID	_
Date: 0/10/34 /	09/10/11/2	Date:	09/10/19	-

Rev	Date	Change	Revised by	Approved
Α		New Issue	RF	
В	02.09.26	Re-format; Added Rev. D	KJ	
С	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
D	05.05.05	Added dimension Al	KJ/RF	1
E	05.12.05	Added dimension AJ	KJ/JLM X	Gul

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